

Full Stack Engineer

Proficiency Assessment

Hello! Here's the plan for this assessment. We're going to be looking at the basics like code organization, naming, structure, etc., but we also want to see what you consider important when you code. There are so many creative thinkers out there that bring something different to a team and we want to see what you care about. So, just imagine you're part of the team and teaching us what you've learned.

The project we're going to ask you to do is hopefully a 2-4hr project. Just submit what you have after a few hours - we're not asking that you spend a whole day on this. Everyone has different strengths. Diversity in our passions and mindset is what makes us more innovative.

Okay, here's what you're going to do... Please recreate this login/register component:

Design: <https://puu.sh/y9zLf/7430fad2e6.png>

Interaction: <https://puu.sh/y9zO1/a903cdc127.mp4>

1. Create a very simple API for login and register endpoints
 - a. You can hard-code the credentials (database is extra)
2. Create react components that will handle the multiple states.
 - a. Don't forget error states
3. Create a README.md that we can use to setup and run your project
 - a. Please consider library installation, command line instructions, ports, etc.
4. Please zip up the results and email them to apply+engineering@lemonlight.com
 - a. Please name the folder: LL-assessment-firstname-lastname

Constraints:

- Use ruby, python, or nodejs on the backend (frameworks are OK, but not required)
- Create a small React project for the front end to demonstrate knowledge of the component library

Extra credit?

- Typescript FTW
- Create a postgres database and model, store the user you create
- Custom Styling, Animations

This isn't a mind-game. If we left something out, just ask. We'll reply as soon as possible so you can get to work. We want you to be productive and take risks. Thank you for considering Lemonlight in your employment search!